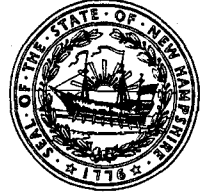




State of New Hampshire  
DEPARTMENT OF ENVIRONMENTAL SERVICES

6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095  
(603) 271-3503 FAX (603) 271-2867



Mr. Jeffrey Schadler, Manager  
Andorra Forest  
60 Queen Street  
Stoddard, NH 03464

March 21, 2000  
**Letter of Deficiency**  
DAM #223.09

RE: Cold Spring Pond Dam, Stoddard

Dear Mr. Schadler:

The Department of Environmental Services, Dam Bureau (DES) consistently strives to enhance the safety of dams in New Hampshire through its dam safety program. One of the many instruments that plays a part in reaching this goal is our inspection program. DES is forwarding this correspondence to you to advise you that in accordance with RSA 482:12 and Env-Wr 502.02, an inspection of the subject dam was conducted on November 2, 1999. During this visual inspection and/or file review, the following deficiencies were observed:

1. The beaver debris which has been removed from the spillway is on the downstream left face and there is a small amount of debris in the spillway;
2. The riprap on the upstream face of the embankment has settled in some areas, causing some settlement of the soils behind the riprap;
3. The area of fill adjacent to both sides of the spillway abutment walls has eroded;
4. There is a small amount of seepage adjacent to the right downstream concrete abutment. This area also has settled. Due to the presence of beaver debris on the downstream left embankment immediately adjacent to the concrete abutment wall;
5. There is a small amount of brush at the entrance to the emergency spillway; and
6. There is no operation and maintenance plan on file with the DES.

DES believes that the above deficiencies can be corrected by performing the following items by the indicated schedule:

**By August 1, 2000:**

1. Continue to remove the beaver debris from the spillway and from the downstream left face;
2. Repoint the riprap on the upstream face and place fill as necessary immediately behind the riprap;
3. Place and compact fill in the area adjacent to both sides of the spillway abutment walls;

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4. Monitor the small amount of seepage adjacent to the right downstream concrete abutment. Repair this settled area. Upon the removal of the beaver debris from the downstream left embankment immediately adjacent to the concrete abutment wall, this area should be checked for settling and repaired if necessary;
5. Remove the brush from the entrance of the emergency spillway; and
6. Prepare and submit to the DES a written operational procedure plan. The plan should describe the control of impoundment levels, monitoring and maintenance procedures, and identify emergency contact personnel.

DES is requesting that you complete and submit the attached "Intent to Complete Repairs" form, within 30 days of receipt of this letter, that will provide for correction of the identified deficiencies by the date(s) indicated above. If you believe changes to the items of work or dates are necessary, please make the changes directly on the form and provide a brief explanation. We have enclosed a self addressed stamped envelope for you to return this form.

Our intent in sending you this correspondence is to make you aware of items that DES believes warrant your attention to insure the continued safe operation of your dam. It is our hope that, through the submittal of the attached form and a commitment to keeping a well-maintained dam, you will voluntarily comply with the requested items of work. If we do not receive the intent form or a similarly adequate written reply, we will assume that you are in agreement with our findings and recommendations and DES will carry out follow-up inspections accordingly.

If you have any questions or comments regarding this Letter of Deficiency or would like to be present at future inspections, please contact me at 271-3406, or write to the Water Division at the address listed on the top of the previous page.

Sincerely,



Nancy L. McGrath  
Engineering Technician

Attachments Guideline for an O&M plan, DB8, DB13

cc: Gretchen Rule

Town of Stoddard

Certified # P 372 675 931

NLM/was/h:/safety/wendy/lod/223-09lod.doc